Industry: Aerospace & Defense

Position: Software Tester (Avionics & Simulator Systems)

Experience: 3+ Years

Education: B.E./B.Tech./M.E./M.Tech. in **Computer Science, IT, Electronics, Electrical, ECE, or Instrumentation** from a recognized university.

Preferred Criteria:

- **70% aggregate or equivalent CGPA** in BE/ME/MTech.

- **GATE Score of 60% or more** (Desirable, Optional).

- Experience in **Avionics or Simulator Software Development** from reputed MNCs or aerospace companies in India or overseas.

Role Overview:

- Responsible for **unit testing, integration testing, and verification & validation** of avionics software.

- Ensure software reliability, safety, and compliance with aerospace standards.

Responsibilities:

- Develop **test cases, test plans, and test scripts** for avionics software.

- Perform **unit testing using LDRA Test Bench** (Preferred).

- Conduct **manual and automated testing** of avionics applications.

- Ensure software compliance with **DO-178C safety standards**.

- Work with requirement and design tools like **Rational Rhapsody/Rose**.

- Identify and report software defects, ensuring they are properly addressed.

Required Skills:

Testing Tools: LDRA Test Bench (Preferred)

Software Testing & Validation

DO-178C Compliance Testing

Requirement & Design Tools: Rational Rhapsody/Rose (Optional)

Programming: C, C++ (for unit testing)